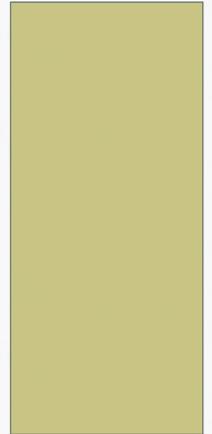


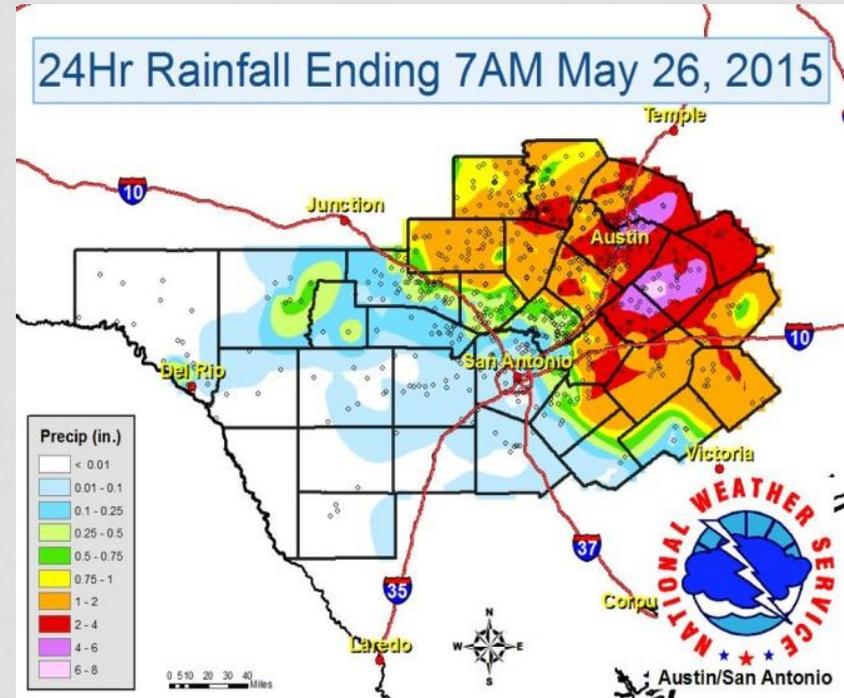
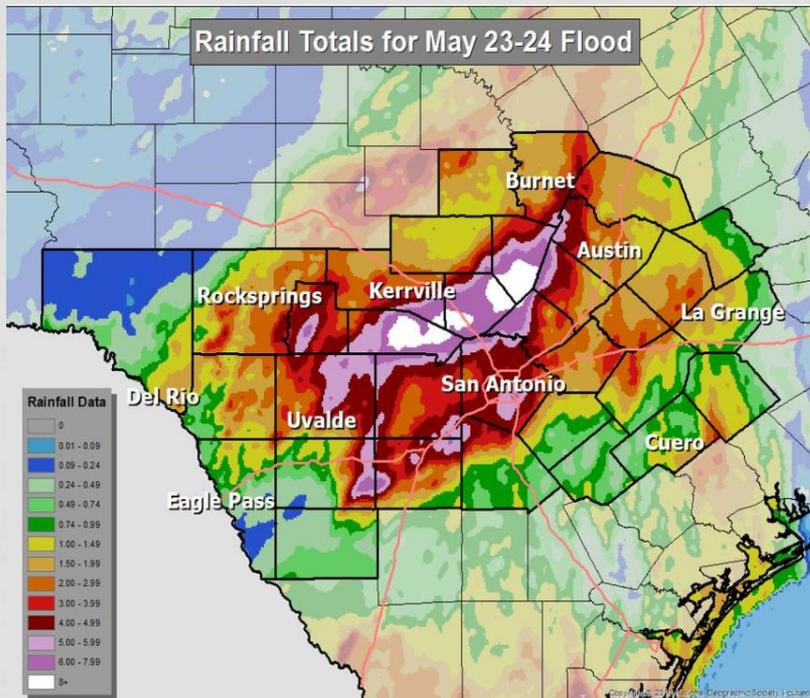
# 2015 MEMORIAL DAY FLOOD

PRESENTED BY:  
JOSE M. GUERRERO, P.E.  
KEVIN SHUNK, P.E.  
WATERSHED PROTECTION DEPARTMENT



# STORM SUMMARY

- Wettest May on record – 17.6 inches of rain (average annual is 34 inches)
- Most notable events on May 23 and 25



# PREPARATION & RESPONSE

- Watershed staff on duty 24/7
  - Monitoring weather conditions
  - Barricading roads
- Emergency Operations

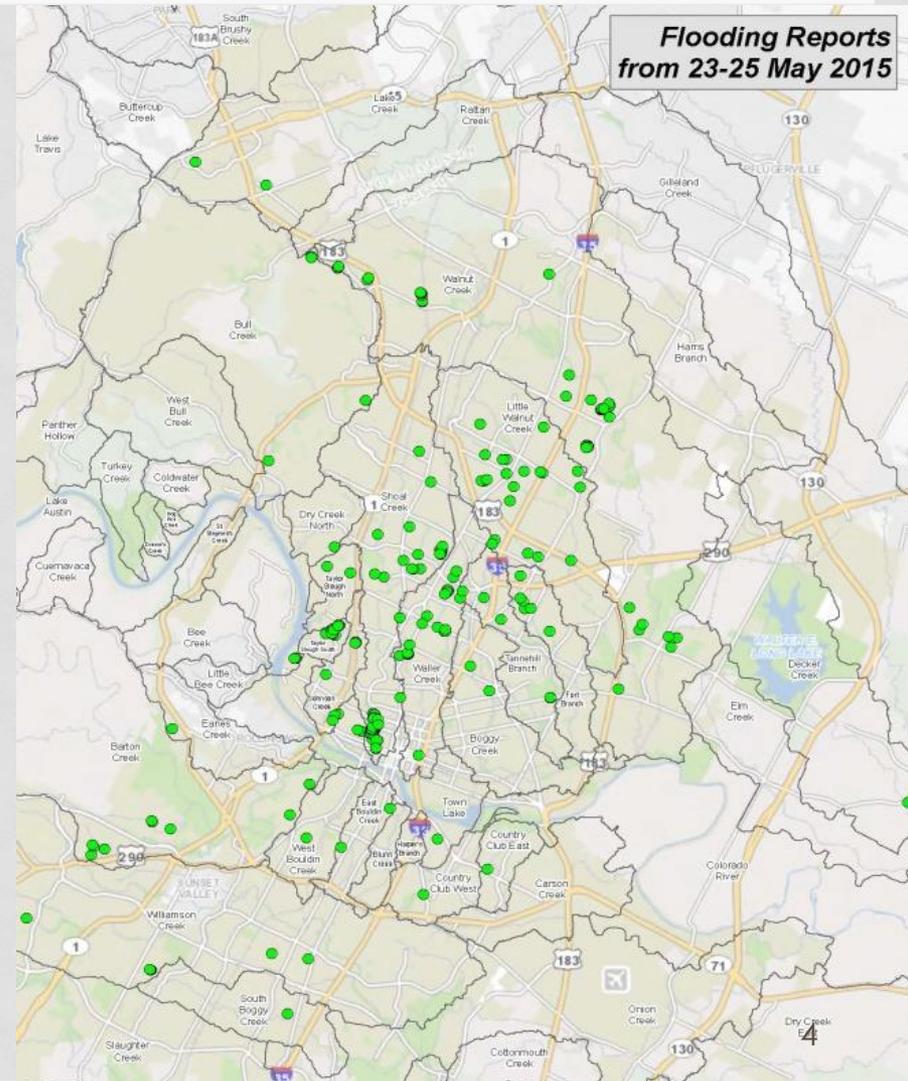
Center activated on *May 23, 25, and 28*



- Outreach
  - ATXfloods.com – 1.5 million views
  - 19 ATXfloods Alerts sent out
  - Radio, TV and digital ads (dangers of flooded roadways)
  - Social media posts (Turn Around – Don't Drown; report flooding to 311)

# IMPACT OF STORM

- **50** closed roadways in Austin;  
**480** in multi-jurisdictional ATXfloods partner area
- **221** flooded structures
- **12** known erosion sites worsened
- **12** pollution spills, **7** wastewater overflows and **3** TXDOT construction sites inspected by Spills Response Team
- Flooding impacts minimal for water quality and salamander habitats



# IMPACT OF STORM



Houston St.



Karen Ave.

## Shoal Creek



House Park

# IMPACT OF STORM

## Waller Creek



Waller Creek at Convention Center



45<sup>th</sup> St. at Duval St.

# IMPACT OF STORM

## Bull Creek



Lakewood Dr.



Old Lampasas



Charing Cross

# IMPACT OF STORM



## Barton Creek

Oak Blvd.



Parkwood Dr.

## Lady Bird Lake



E. 5<sup>th</sup> St.  
sink hole



Winflo Dr.

# EROSION IMPACT OF STORM

## Little Walnut Creek



Dottie Jordan Park

## Walnut Creek



Wastewater line repair

## Country Club Creek



Kreig Fields/ Guerrero Park bridge failure

## Colorado River



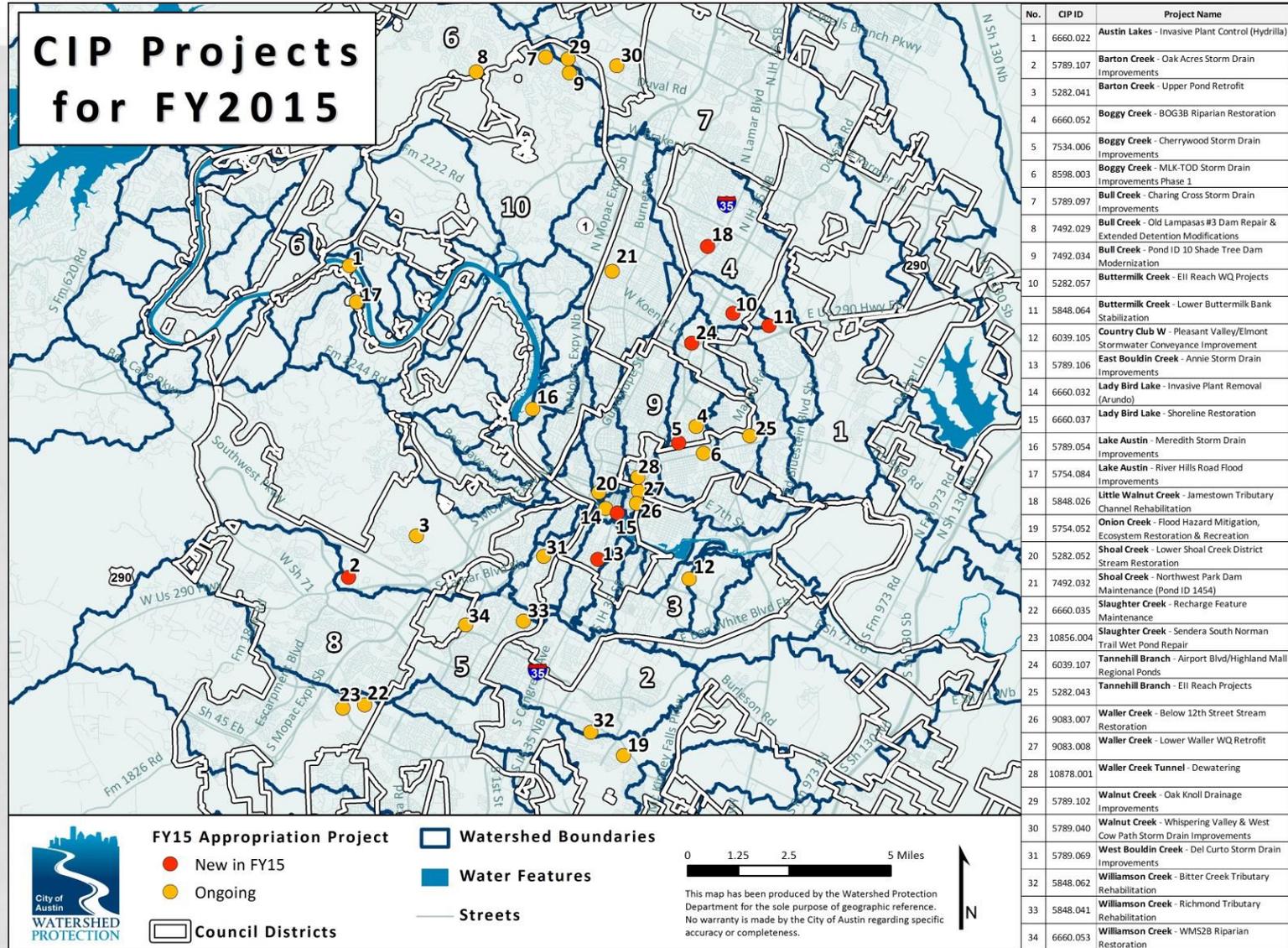
6600 Hergotz Lane

# POST STORM STAFF RESPONSE

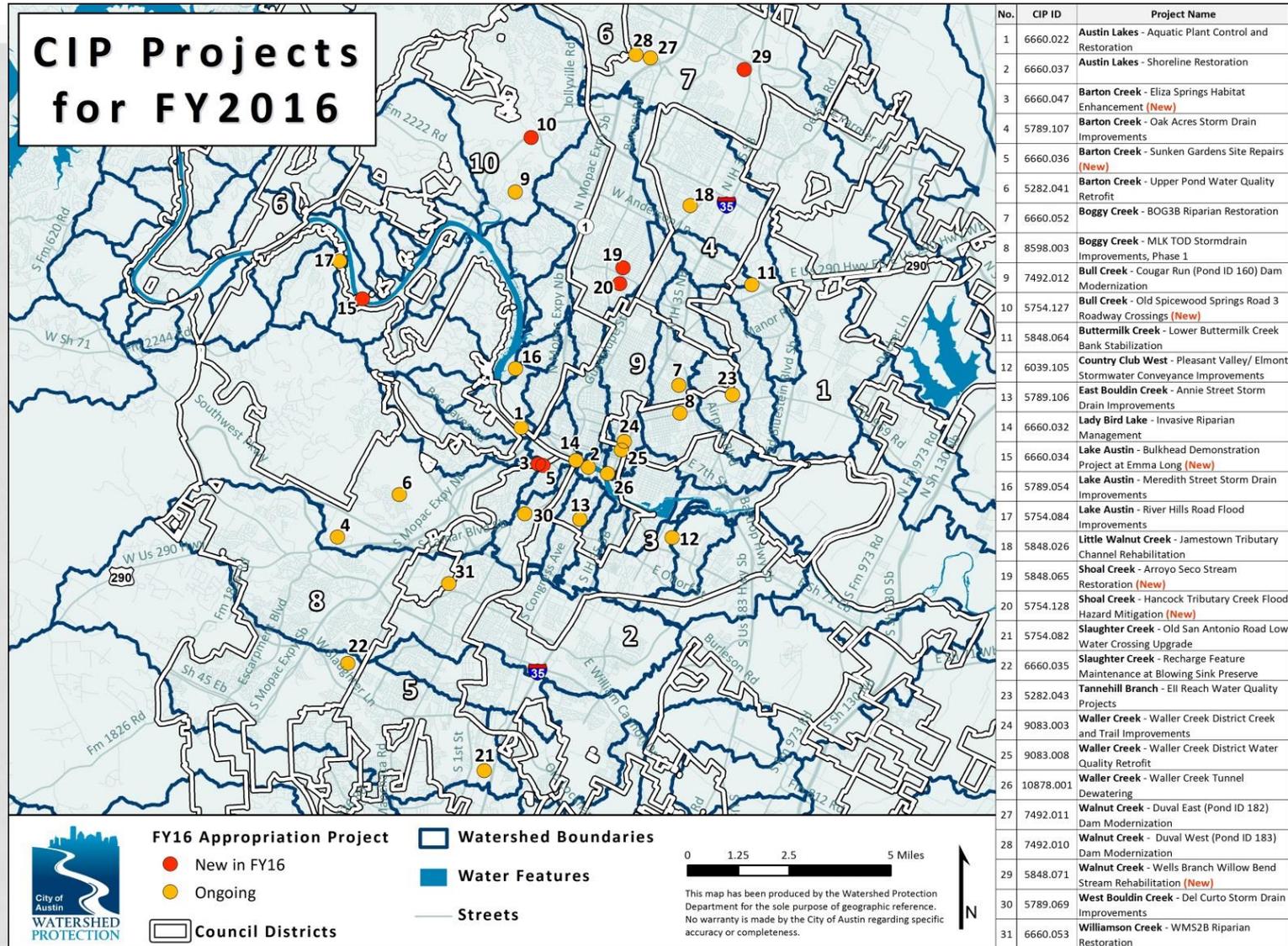
- 3-1-1 calls
  - Nearly 200 flooding complaints received
  - 613 drainage complaints received
- Field investigations
  - WPD staff working diligently since flood to address 3-1-1 complaints, CAFs and emails
- Debris removal
  - FOD crews collected approximately 421 tons of post-flood debris



# WPD FY15 CIP PROJECTS



# WPD FY16 CIP PROJECTS



# FLOOD SAFETY

- **[ATXFloodPro.com](https://www.atxfloodpro.com)** – Learn if your property is in the floodplain
- **[ATxfloods.com/Alerts](https://www.atxfloods.com/alerts)** – Sign up for flood alerts
- **[Austin 3-1-1](https://www.austin311.com)** – Report all flooding and drainage issues
- **[Disasterassistance.gov](https://www.disasterassistance.gov) or 800-462-7585** – FEMA assistance for flood damages
- Flood-proof your home and purchase flood insurance
- **[Austintexas.gov/department/capital-planning](https://www.austintexas.gov/department/capital-planning)** – View the City's Capital Improvement Projects

# QUESTIONS?

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- City of Austin Floodplain Hotline
  - 512-974-2843